

**ABSTRACT**

Methods are provided for fabricating an array of polymers wherein the polymers may be released from the surface of the array by activation of a cleavable moiety. Also provided are arrays of polymers having of polymers wherein the polymers can be  
5 released from the surface of the array by activation of a releasable group. Arrays of nucleic acids wherein a nucleic acid probe may be released from the array by activation of a releasable groups and methods for fabrication of such arrays are also disclosed.